



Project No: TOL001052030201
Project: Bioremediation Pilot Study
Client: AFCEE
Location: Site 24 - Vandenberg AFB
Northing(ft): 2100136.6

Borehole ID: HGL68(24MW8A-2)
Date: 10/09/2003
Geologist: M. Jackson
Checked By: D. Smith, R.G.
Ground Surface Elevation(ft msl): 459.4
Easting(ft): 5801073.4

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
2		Sand and gravel	FL					Pilot study monitoring well installed in boring.	
4									
6					0	29/19/31			
8		Clayey sand Pale yellowish brown with dark yellowish orange mottling, slightly moist, dense	SC	451					
10		Poorly graded sand Moderate yellowish brown, slightly moist, slightly dense	SP		30	80 for 5"	1.9		
12									
14									
16					75	55/77	2.7		
18									
20		Clayey sand Pale yellowish brown, slightly moist, dense, medium grained sand	SC		439	60	31/80 for 6"		3.1
22					436				
24		Sandy clay	CL	435					
26		Poorly graded sand Dark yellowish brown, very moist, slightly dense at 27.5' color change to light olive gray at 34' unit becomes slightly cemented at 35' unit very moist to saturated at 39.5' to 40' <u>Clayey Sand</u> - Moderate to dark yellowish brown, slightly moist to moist, very dense	SP		100	87 for 6"	6.8		
28									
30					20	72/70 for 5"			
32									
34									
36					50	60/65 for 6"	5.2		
38									
40					70	49/90	10.4		
	SC	419	70	50/60	3.4				

Drilled By: Layne Christensen

Drill Method: Dual Tube

Drilling Equipment: AP 1000

Sampling Equipment: 2" x 18" CA Mod Split Spoon

HydroGeoLogic, Inc.

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Boring Diameter: 10"

Total Depth Drilled: 39.0'

Sheet: 1 of 1